## 

## Figure 1

Client

Server

Hello ---->

<---- Challenge: S,R<sub>s</sub>
(S = ServerId)

Response-and-Counter-Challenge: C,R<sub>C</sub>,MAC<sub>PC</sub>{S+R<sub>S</sub>+C+R<sub>C</sub>+"Client"} --->

(C = ClientId = UserId)

<---- Response:  $MAC_{PC}\{S+R_S+C+R_C+"Server"\}$ 

Figure 2

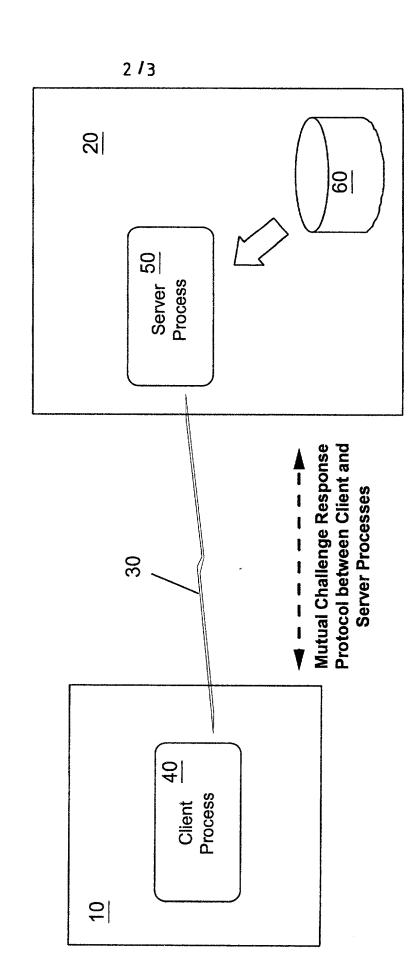


Figure 3

